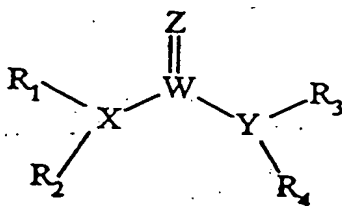


# INHIBITORS OF EPOXIDE HYDROLASES FOR THE TREATMENT OF HYPERTENSION

## ABSTRACT OF THE DISCLOSURE

The invention provides compounds that inhibit epoxide hydrolase in therapeutic applications for treating hypertension. A preferred class of compounds for practicing the invention have the structure shown by Formula 1



wherein Z is oxygen or sulfur, W is carbon phosphorous or sulfur, X and Y is each independently nitrogen, oxygen, or sulfur, and X can further be carbon, at least one of R<sub>1</sub>-R<sub>4</sub> is hydrogen, R<sub>2</sub> is hydrogen when X is nitrogen but is not present when X is sulfur or oxygen, R<sub>4</sub> is hydrogen when Y is nitrogen but is not present when Y is sulfur or oxygen, R<sub>1</sub> and R<sub>3</sub> is each independently C<sub>1</sub>-C<sub>20</sub> substituted or unsubstituted alkyl, cycloalkyl, aryl, acyl, or heterocyclic.